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## CLAIMS

1. Method for the production of recombinant peptides by fed-batch cultivation of a micro-organism in a bioreactor containing a medium comprising organic carbon source, nitrogen source and mineral salts <sup>salts wherein</sup> in which the cultivation is carried out by the addition of the organic carbon source in oscillation feed and/or by oscillation variation of stirring speed.
2. Method according to claim 1 <sup>1, wherein</sup> in which the organic carbon is glucose.
153. Method according to claim 1 or 2 in which the microorganism is *E. Coli*.
4. Method according to any of claims 1 to 3 in which the oscillation feed has a square wave pattern.
205. Method according to any of claims 1 to 3 in which the oscillation feed has sinus wave patters.
6. Method according any of claims 1 to 5 in which the recombinant peptide is growth hormone.
- 25 7. Method according any of claims 1 to 6 in which the recombinant peptide is human growth hormone

add A  
add B

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